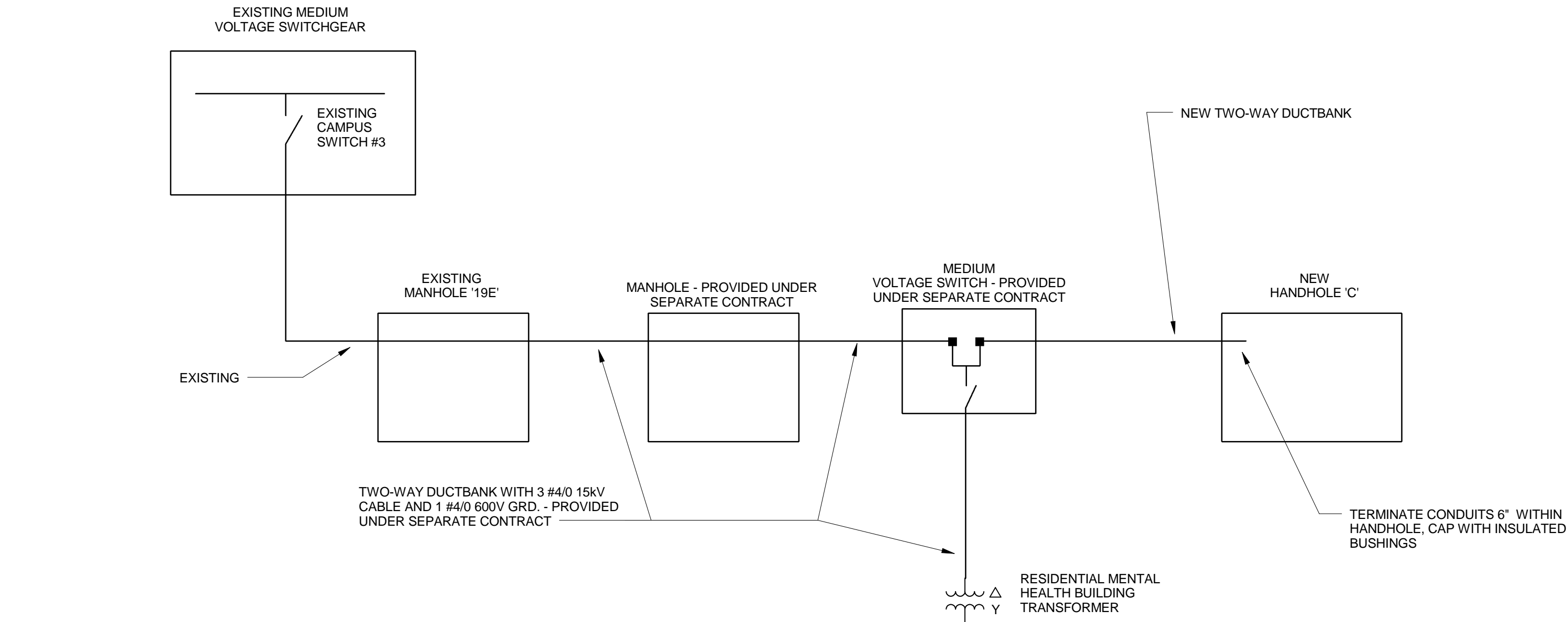


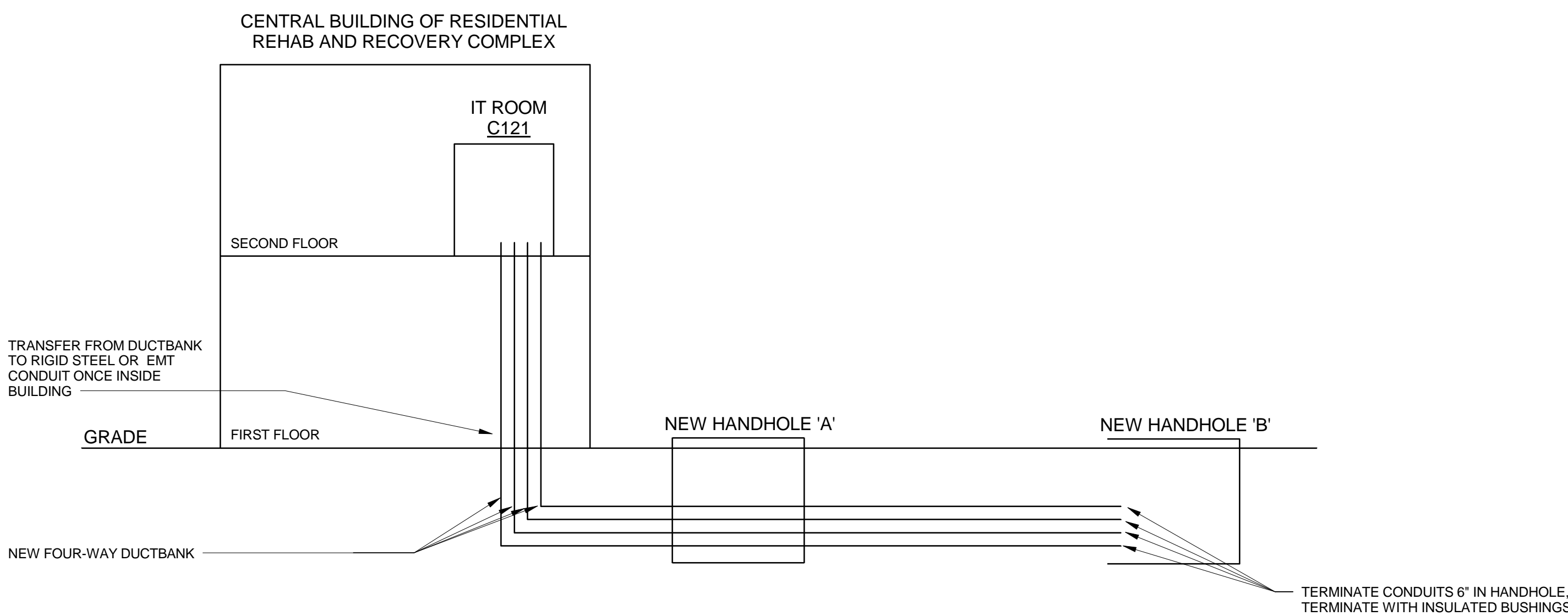
1 ELECTRICAL SITE PLAN  
SCALE: 1" = 40'-0"

GENERAL ELECTRICAL NOTES:

1. REFER TO DRAWING E002 FOR DETAILS AND DUCTBANK SECTIONS.



2 ELECTRICAL ONE-LINE DIAGRAM  
NOT TO SCALE

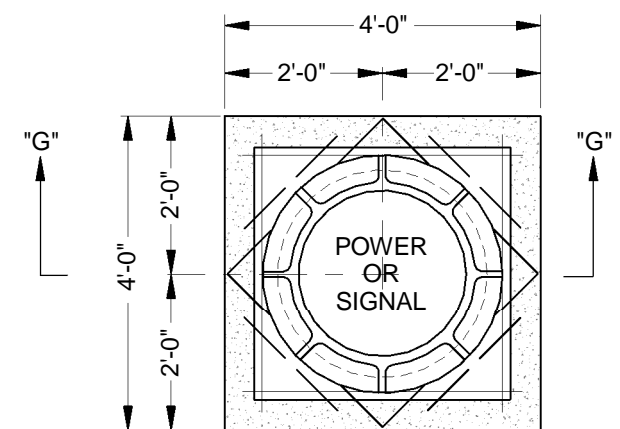


3 TELECOMMUNICATIONS ONE-LINE DIAGRAM  
NOT TO SCALE

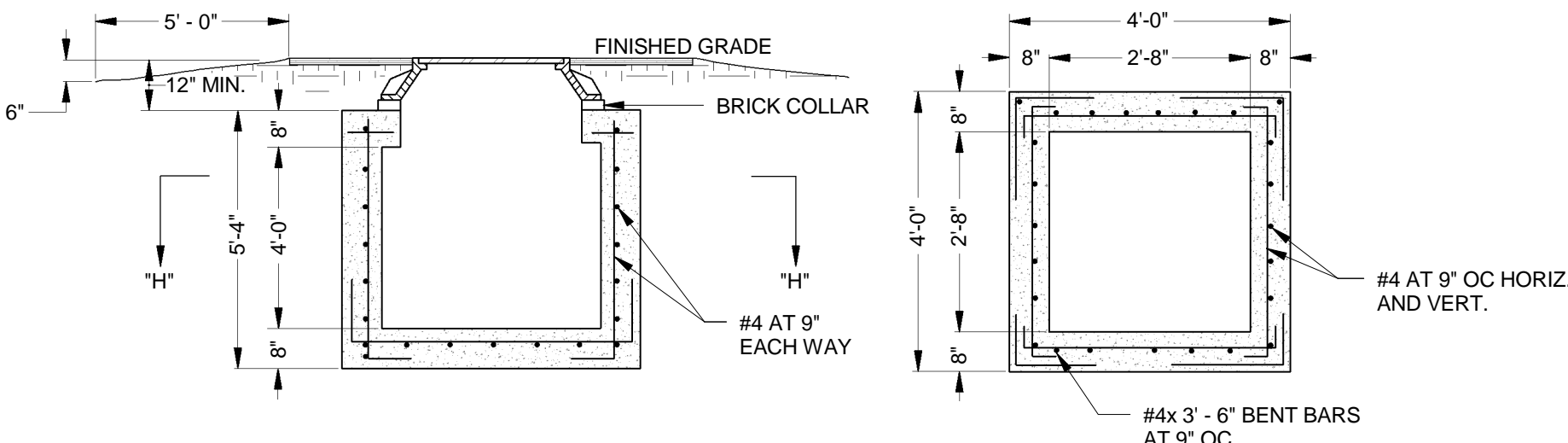
<b>CONSULTANTS:</b>		<b>ARCHITECT:</b>		Project Number 3468	Scale As indicated	Drawing Title ELECTRICAL SITE PLAN	Project Title Electrical Site Prep	VA Project Number 595-109	Office of Facilities Management  Department of Veterans Affairs	
Civil Engineer <b>Dowberry</b>	Structural Engineer <b>WZIG</b>	MEP Engineer <b>H. E. LENZ COMPANY</b>	Environmental Consultant <b>SSM</b>	Cost Estimator <b>INTERNATIONAL CONSULTANTS, INC.</b>		Approved: Project Director	Location 1700 South Lincoln Ave. Lebanon, PA 17042	Building Number 34		
600 Parsippany Road, Suite 301 Parsippany, NJ 07054-3715 Tel (973) 576-9953 Fax (973) 739-9710	180 W. Ridge Pike Limerick, PA 19468 Tel (214) 329-5559	1407 Scalp Avenue Johnstown, PA 15804 Tel (814) 269-9300 Fax (814) 269-9301	1047 North Park Road, P.O. Box 6307 Reading, PA 19610 Tel (610) 621-2000	221 Chestnut Street, Suite 200 Philadelphia, PA 19106 Tel (215) 923-8888	2520 Renaissance Boulevard, Suite 110 King of Prussia, PA 19406  t: 610.270.0599 f: 610.270.0995 www.arrayhfs.com		Date 05/25/12	Checked TME		Drawn RJD
Revisions		Date								

three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot

- STRUCTURAL NOTES:**
1. ALL REINFORCEMENT BARS FOR HANDHOLES SHALL BE #4.
  2. TOP SLAB REINFORCEMENT CONSISTS OF BOTTOM BARS PLACED AS SHOWN. SHORT SPAN BARS SHALL BE ON THE BOTTOM LAYER.
  3. BEND AND PLACE ALL REINFORCEMENT SO THAT IT SHALL BE 2" CLEAR OF ALL EXTERIOR SURFACES, 1-1/2" CLEAR OF ALL INTERIOR AND FLOOR SURFACES AND 1" CLEAR OF BOTTOM SURFACES OF TOP SLAB.
  4. STRUCTURES SHALL BE REINFORCED CONCRETE. CONCRETE SHALL BE 3,000 P.S.I. AT 28 DAYS UNLESS OTHERWISE SPECIFIED.



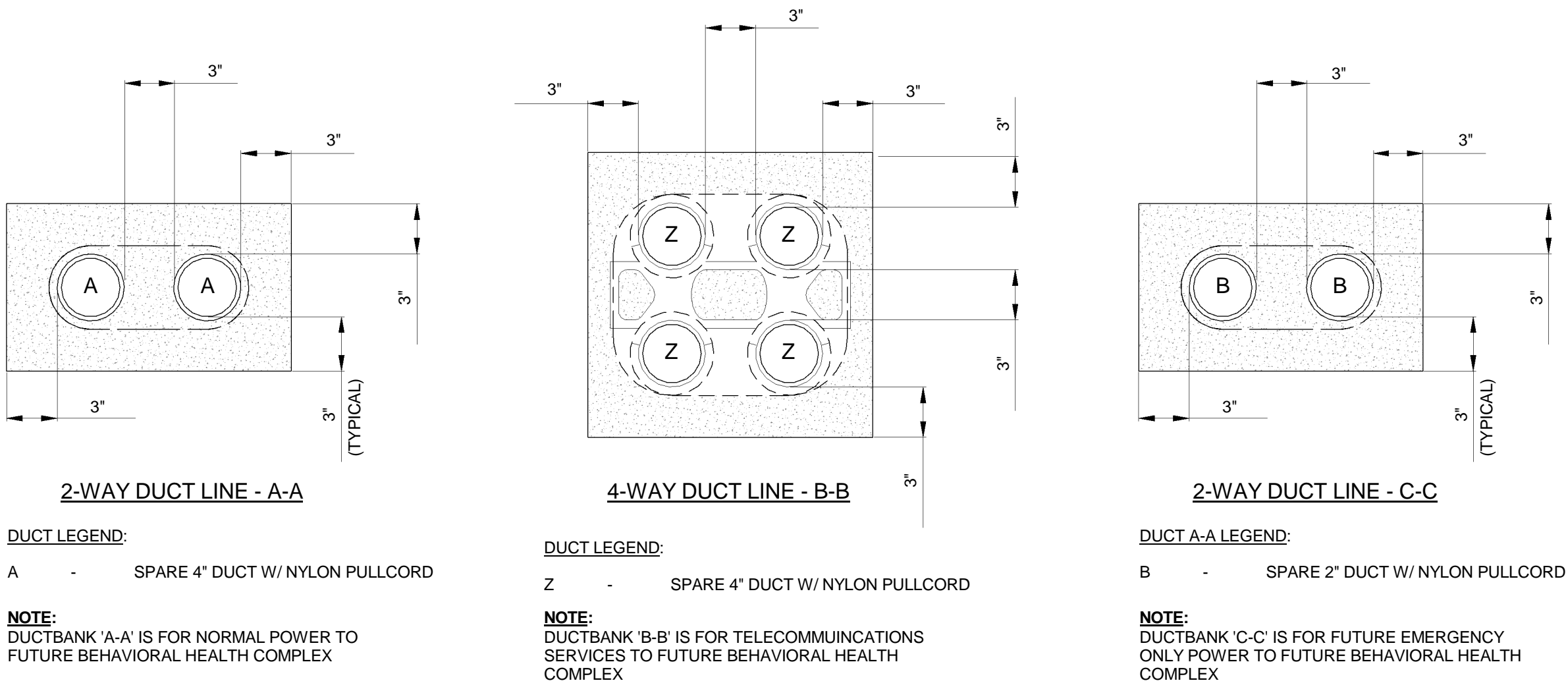
HANDHOLE/PULLBOX



SECTION "G" - "G"

SECTION "H" - "H"

1 HANDHOLE/PULLBOX DETAIL  
NOT TO SCALE



**DUCT LEGEND:**  
A - SPARE 4" DUCT W/ NYLON PULLCORD

**NOTE:**  
DUCTBANK 'A-A' IS FOR NORMAL POWER TO FUTURE BEHAVIORAL HEALTH COMPLEX

**DUCT LEGEND:**  
Z - SPARE 4" DUCT W/ NYLON PULLCORD

**NOTE:**  
DUCTBANK 'B-B' IS FOR TELECOMMUNICATIONS SERVICES TO FUTURE BEHAVIORAL HEALTH COMPLEX

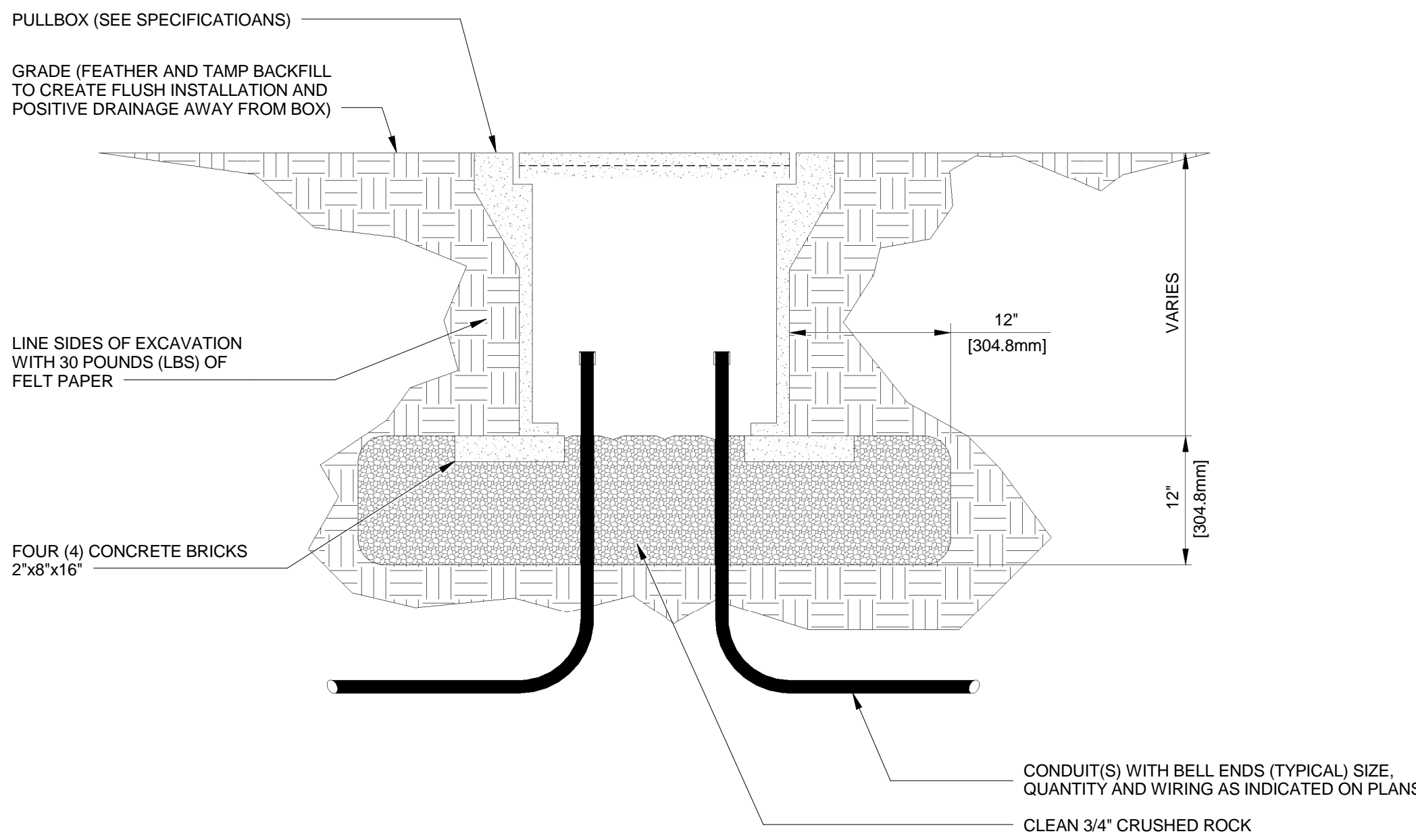
**DUCT A-A LEGEND:**  
B - SPARE 2" DUCT W/ NYLON PULLCORD

**NOTE:**  
DUCTBANK 'C-C' IS FOR FUTURE EMERGENCY ONLY POWER TO FUTURE BEHAVIORAL HEALTH COMPLEX

**DUCT BANK AND CABLE NOTES:**

1. CONCRETE SHALL BE 2000 P.S.I. @ 28 DAYS, OR AS SPECIFIED.
2. PROVIDE REINFORCING RODS ON TOP AND BOTTOM OF DUCTS WHEN CROSSING OR PLACED IN ROADWAYS.
3. MINIMUM COVER TO TOP OF ENVELOPE SHALL BE 24".
4. PROVIDE MINIMUM 6" SPACE BETWEEN POWER AND TELECOMMUNICATION DUCTS. INCREASE SIZE AS REQUIRED.
5. INNERDUCT QUANTITY AND SIZE AS INDICATED.
6. CONFIRM WITH FIRE ALARM MANUFACTURER ON EXACT SIZE AND QUANTITY OF FIBER OPTIC CABLE REQUIRED.

2 DUCTBANK SECTIONS  
NOT TO SCALE



3 UNDERGROUND CONCRETE HANDHOLE/PULLBOX INSTALLATION DETAIL  
NOT TO SCALE

ISSUED FOR BID

		<b>CONSULTANTS:</b>							<b>ARCHITECT:</b>		Project Number 3468	Scale 1/8" = 1'-0"	Drawing Title ELECTRICAL DETAILS		Project Title Electrical Site Prep		VA Project Number 595-109	Office of Facilities Management  		
		<b>Civil Engineer</b> 		<b>Structural Engineer</b> 		<b>MEP Engineer</b> 		<b>Environmental Consultant</b> 		<b>Cost Estimator</b> 		 		2520 Renaissance Boulevard, Suite 110 King of Prussia, PA 19406  t: 610.270.0599 f: 610.270.0995 www.arrayhfs.com		Location 1700 South Lincoln Ave. Lebanon, PA 17042				Building Number 34
Revisions		Date																		